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MONTANA OIL AND GAS STATISTICAL BULLETIN

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J. R. MARCHI, Attorney

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME II, NO. 9 — 2 — SEPTEMBER, 1954

Production of crude oil and condensate from the oil and gas areas of Montana for the month of September, 1954, averaged 38,916 barrels daily, a decrease of 1,051 barrels from the average August production of 39,967 barrels daily.

The ten refineries in the State processed 61,268 barrels of crude oil daily for the month of September, an increase of 258 barrels daily from the 61,010 barrels processed daily during the month of August, 1954.

During September, 31 wells were completed, 9 oil, 3 gas wells and 19 dry holes.

During September, the Commission issued 32 permits to drill new wells, an increase of 1 from the 31 permits issued during August.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF SEPTEMBER, 1954

	TOTAL
IN STORAGE SEPTEMBER 1ST:	
By Producers	266,164
By Transporters	509,248
By Refiners	397,200
TOTAL STORAGE	1,172,612
PRODUCED DURING MONTH	1,167,471
TOTAL	2,340,083
DISPOSITION:	
Refined in Montana	840,721
Shipped to Other States	423,995
Used for Fuel or Lost	6,691
TOTAL	1,271,407
IN STORAGE SEPTEMBER 30TH:	
By Producers	269,203
By Transporters	422,211
By Refiners	377,262
TOTAL STORAGE	1,068,676

WYOMING OIL IMPORTED

IN STORAGE SEPTEMBER 1, 1954	202,554
SEPTEMBER RECEIPTS, MONTANA REFINERIES	969,451
REFINED	997,315
IN STORAGE SEPTEMBER 30, 1954	174,690

NATURAL GAS WITHDRAWALS IN MONTANA

Month of September, 1954

Field	M. C. F.
Bears Den	1,773
Big Wall	116
Bowdoin	179,598
Bowes	35,467
Box Elder	15,973
Cedar Creek	170,578
Cut Bank (includes Reagan)	901,805
Devon	17,227
Dry Creek	79,578
East Poplar	1,184
Hardin	4,381
Keith Block	15,285
Kevin-Sunburst	36,087
Ragged Point	
Utopia	31,557
West Sumarta	486
Whitlash Area	35,157
TOTAL	1,526,252

Total withdrawals for September, 1953, were 1,506,857 M. C. F.

PRODUCERS REPORT

Month of September, 1954

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	2,059	4,286		4,320		2,025
8	Big Wall	22	5,124	27,551		27,344	106	5,225
3	Border	5		567		567		
10	Bowes	72	5,495	69,699	69,171			6,023
1	Brady-Midway	1	517	76		76	1	516
1	Brorson (Sidney Area)	2	3,031	6,882	7,796			2,117
1	Cabin Creek	6	2,957	27,791		27,719	196	2,833
1	Cadmus	1	271	61		332		
29	Cat Creek	96	6,017	16,474	18,411		802	3,278
	Clark's Fork		84					84
324	Cut Bank	1,113	124,109	172,120	168,693			127,536
3	Deer Creek	7	2,211	18,524	18,768			1,967
1	Devils Basin	2	25	700				725
5	Dry Creek	12	1,179	20,361	20,090			1,450
20	Elk Basin	59	7,177	144,003	143,141		298	7,741
2	Frannie	2	214	1,245	1,076			383
1	Gage	1	721	270				991
5	Glendive	13	5,295	56,893	58,092		256	3,840
2	Golden Dome	2	77	3,986		3,576		487
1	Hardin Area	3	632	2,335		716	9	2,242
1	Ivanhoe Dome	2	114	2,135		1,857		392
220	Kevin-Sunburst	1,488	15,955	95,157	93,255		199	17,658
1	Lake Basin	1	1,114	96				1,210
1	Little Beaver	3	663	5,585		4,614	542	1,092
3	Melstone	6	1,816	8,956		9,245		1,527
3	Mosser	6		924		924		
1	Pine Unit Area	10	2,050	41,788		36,783	462	6,593
79	Pondera	314	15,409	34,491	33,935			15,965
39	Poplar Area	45	26,628	293,968	267,459	32,163	50	20,924
2	Ragged Point	3	1,288	1,544		1,874		958
	Rattlesnake Butte		739					739
2	Reagan	38	3,255	19,349	19,599			3,005
6	Richey	11	5,918	10,500		11,276	54	5,088
	Sand Creek		227					227
2	Southwest Richey	3	1,535	8,922		8,765		1,692
3	Soap Creek	6	1,568	6,832		6,640	47	1,713
13	Sumatra	39	13,122	48,153		51,131		10,144
4	Sweet Grass Hills	4	672	722		486		908
1	Wibaux Area	1	581	1,674		1,554		701
6	Whitlash	18	4,871	11,808	8,881			7,798
	Wolf Creek		51					51
2	Woodrow	2	1,157	344	450			1,051
1	Yellowstone	1	236	699		631		304
809		3,424	266,164	1,167,471	928,817	232,593	3,022	269,203

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1953	11,895,152	32,589	11,806,873	32,348
First Quarter, 1954	3,165,882	35,176	3,139,622	34,885
Second Quarter, 1954	3,536,508	38,862	3,512,743	38,602
July, 1954	1,309,079	42,228	1,303,443	42,047
August, 1954	1,238,989	39,967	1,218,517	39,307
September, 1954	1,167,471	38,916	1,161,410	38,714

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1953	231,394	501,709	695,206	1,428,309
March 31, 1954	235,678	469,637	620,698	1,326,013
June 30, 1954	245,735	509,681	610,724	1,366,140
July 31, 1954	248,082	521,976	688,796	1,458,854
August 31, 1954	266,164	509,248	599,754	1,375,166
September 30, 1954	269,203	422,211	551,952	1,243,366

*Includes Wyoming Oil.

TRANSPORTERS REPORT—Month of September, 1954

	Storage First of Month	OIL RECEIVED			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		From Producers and Connecting Pipeline	Truck	Carrier		Montana	Other States	Connecting Carriers	
ASH CREEK									
Trucks			4,320				4,320		
BIG WALL									
Trucks	2,118		27,344			11,319	16,334		1,809
BORDER									
Trucks			567			567			
BRORSON									
Sun Oil Co.			7,796				7,796		
BOWES									
Northern Pump	1,237	14,787			(112)		15,133		1,003
The Texas Company		54,384				15,250	39,134		
	1,237	69,171			(112)	15,250	54,267		1,003
BRADY-MIDWAY									
Trucks			76			76			
CABIN CREEK									
Shell Oil Co.			27,719				27,719		
CADMUS									
Trucks			332			332			
CAT CREEK									
Continental Pipe Line Co.	5,338	13,711			183	14,573			4,293
Wm. Hanlon		4,700				4,700			
	5,338	18,411			183	19,273			4,293
CUT BANK									
Darling Gather. Sys.	2,291	22,698			(614)	21,515			4,088
Phillips Pet. Co.	109,904	39,820			833	20,416		20,725	107,750
Texas Pipe Line Co.	119,953	29,379		40,540	165	91,693		15,141	82,873
Toronto Pipe Line Co.	50,857	35,358			122			52,091	34,002
Union Oil Co.	64,859	41,491		47,417	733	91,188			61,846
	347,864	168,746		87,957	1,239	224,812		87,957	290,559
DRY CREEK									
Ohio Oil Co.	10,655	20,090			99	20,479			10,167
ELK BASIN									
Ohio Oil Co.		143,141				87,031	56,110		
FRANNIE									
Ohio Oil Co.		1,076					1,076		
GOLDEN DOME									
Trucks			3,576				3,576		
GLENDIVE AREA									
The Texas Co.	11,087	77,312			1,048	83,390			3,961
HARDIN AREA									
Trucks			716				716		
IVANHOE DOME									
Trucks			1,857			1,857			
KEVIN-SUNBURST									
Big West Oil Co.	1,952	41,221				41,205			1,968
Homestake Oil & Gas	2,029	3,511				3,669			1,871
Texas Pipe Line Co.	28,456	47,529		1,399	63	48,776			28,545
Anna Aronow	251	1,294						1,399	146
	32,688	93,555		1,399	63	93,650		1,399	32,530
LITTLE BEAVER									
Shell Oil Co.			4,614				4,614		
MELSTONE									
Trucks	1,685		9,245			9,194			1,736
MOSSER									
Trucks			924			924			
PINE UNIT AREA									
Shell Oil Co.			36,783				36,783		
PONDERA									
Phillips Pet. Co.	88,484	33,949			1,328	53,358			67,747
POPLAR AREA									
East Poplar G. Sys.	4,667	268,218			1,864	104,638	162,588		3,795
Plastic Service Lines, Inc.									
Trucks			32,163			12,196	19,967		
	4,667	268,218	32,163		1,864	116,834	182,555		3,795
RAGGED POINT									
The Texas Co.			1,874			1,874			
REAGAN									
Union Oil Co.		19,599				19,599			
RICHEY AREA									
Shell Oil Co. & Trucks			11,276			556	10,720		
SOAP CREEK									
Trucks			6,640				6,640		
SOUTHWEST RICHEY									
Shell Oil Co.			8,765				8,765		
SUMATRA AREA									
Trucks	2,527		51,131			52,772			886
SWEET GRASS HILLS									
Trucks & Pipeline	898	8,881	486		(209)	6,749			3,725
WIBAUX									
Trucks			1,554				1,554		
WOODROW									
Trucks			450				450		
YELLOWSTONE									
Trucks			631			631			
GRAND TOTAL	509,248	929,945	233,043	89,356	5,503	820,527	423,995	89,356	422,211

REFINERS REPORT BY FIELDS

Month of September, 1954

	Location of Plant in Montana	Storage First of Month	Oil Received	Oil Used or Lost	Oil Refined	Storage End of Month
BIG WALL						
Farmers Union Cent. Exc. Inc.	Laurel	1,924	11,319		11,449	1,794
BORDER						
The Texas Company	Sunburst	793	567		716	644
BOWES						
Diamond Asphalt Co.	Chinook		15,250		15,250	
BRADY-MIDWAY						
Phillips Pet. Co.	Great Falls		76		76	
CADMUS						
Union Oil Co.	Cut Bank		332		332	
CAT CREEK						
Continental Oil Co.	Billings		14,772		14,772	
Jet Fuel Refinery	Mosby	1,019	3,992		5,011	
		1,019	18,764		19,783	
CUT BANK						
Big West Oil Co.	Kevin		16,322		16,322	
Phillips Petroleum Co.	Great Falls		20,299		20,299	
The Texas Company	Sunburst	163,087	96,887		97,931	162,043
Union Oil Company	Cut Bank	17,847	91,199		89,808	19,238
		180,934	224,707		224,360	181,281
DRY CREEK						
Farmers Union Cent. Exc., Inc.	Laurel	2,296	20,480		20,220	2,556
ELK BASIN						
Carter Oil Co.	Billings		69,876		69,876	
Continental Oil Co.	Billings		17,155		17,155	
			87,031		87,031	
GLENDIVE						
Continental Oil	Billings		10,156		10,156	
Farmers Union Cent. Exc., Inc.	Laurel	15,616	73,234		66,071	22,779
		15,616	83,390		76,227	22,779
IVANHOE DOME						
Farmers Union Cent. Exc., Inc.	Laurel		1,724		1,724	
KEVIN-SUNBURST						
Big West Oil Co.	Kevin	17,797	41,693		41,756	17,734
Modern Oil Co.	Shelby		48		48	
The Texas Company	Sunburst	104,039	52,445		82,504	73,980
		121,836	94,186		124,308	91,714
MELSTONE						
Farmers Union Cent. Exc., Inc.	Laurel	1,155	9,624		9,194	1,585
MOSSER						
Farmers Union Cent. Exc., Inc.	Laurel		1,057		1,057	
PONDERA						
Phillips Petroleum Co.	Great Falls	10,090	53,260		52,662	10,688
POPLAR						
Carter Oil Co.	Billings	20,022	90,560		76,463	34,119
Jet Fuel Refinery	Mosby	3,038	14,670		12,810	4,898
Modern Oil Co.	Shelby	682	11,604		11,640	646
		23,742	116,834		100,913	39,663
RAGGED POINT						
Farmers Union Cent. Exc., Inc.	Laurel		1,875		1,875	
REAGAN						
Union Oil Company	Cut Bank		19,599		19,599	
RICHEY						
Jet Fuel Refinery	Mosby	1,311	556		1,666	201
SUMATRA						
Continental Oil Co.	Billings		3,724		3,724	
Farmers Union Cent. Exc., Inc.	Laurel	7,287	49,048		47,923	8,412
		7,287	52,772		51,647	8,412
SWEET GRASS HILLS						
Big West Oil Co.	Kevin		331		331	
The Texas Co.	Sunburst	29,197	4,945		18,197	15,945
Union Oil Co.	Cut Bank		1,473		1,473	
		29,197	6,749		20,001	15,945
YELLOWSTONE						
Farmers Union Cent. Ex. Inc.	Laurel		631		631	
TOTAL MONTANA OIL		397,200	820,783		840,721	377,262
OIL FROM WYOMING						
Carter Oil Co.	Billings	92,300	551,596		563,330	80,566
Continental Oil Co.	Billings	68,739	165,561		172,183	62,117
Farmers Union Cent. Exc., Inc.	Laurel	41,515	252,294		261,802	32,007
		202,554	969,451		997,315	174,690
TOTAL MONTANA AND WYOMING OIL		**599,754**	**1,790,234**		**1,838,036**	**551,952**

	Average Barrels Per Day			Percentage of Crude Refined	
	Montana	Wyoming	Total	Montana	Wyoming
Year 1953	20,540	33,183	53,723	38.2%	61.8%
September, 1953	22,212	39,033	61,245	36.2%	63.8%
September, 1954	28,024	33,244	61,268	45.7%	54.3%